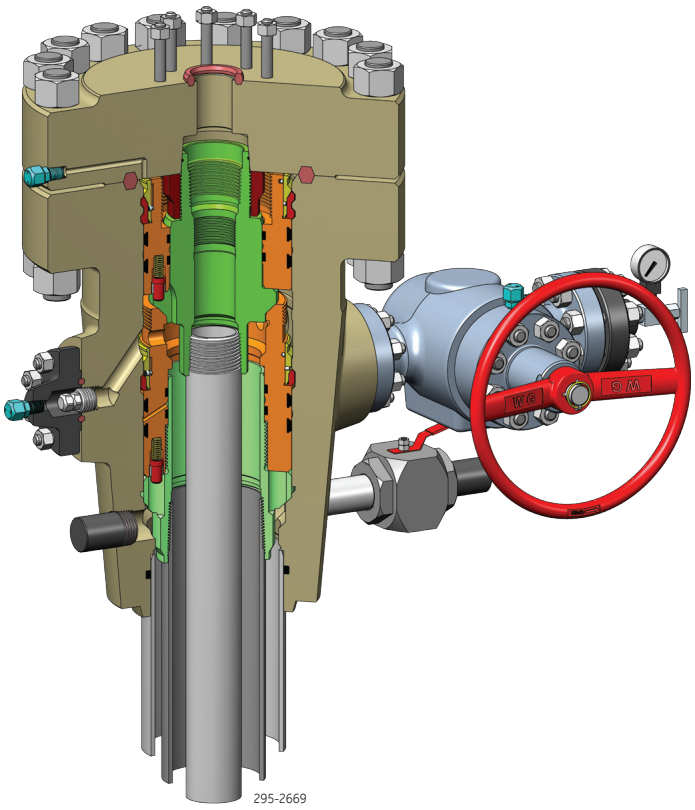
Time-Saving Wellheads

Pressure Control SH3 Speedhead™ System

The SH3 Speedhead™ System takes multi-bowl technology one step further than ever before. By landing two strings of pipe in one compact forged housing, the SH3 system eliminates one complete BOP nipple-down/nipple-up thereby saving significant rig time. Additionally, specially designed service tools can reduce installation time even further. The time saved (estimated at approximately 17 hours) makes this product a cost-effective alternative to conventional spool type surface wellheads.

Compared to conventional wellheads, the SH3 wellhead improves safety by reducing the number of potential leak paths. The system completely eliminates one major flange connection and replaces all external lockdown screws with internal retaining rings similar to those used on subsea systems.

In order to take full advantage of the time-saving capabilities of this system, the SH3 system is normally recommended for applications where the risk of a casing becoming stuck is very low.



Features —

- Improved safety
  - Eliminates one flange
  - Eliminates all lockdown screws
- Time savings
  - Reduced BOP/diverter handling
  - Replaces lockdown screws with lock rings
- Flexible system
  - Emergency equipment
  - Alternate casing programs
  - Adapts to conventional equipment for extended casing programs

Availability —

Top Flange Size	Top Flange Pressure (psi)	Surface Casing	Casing for Lower Hanger	Casing or Tubing for Upper Hanger
11"	5,000/10,000	9-5/8"	7"	2-3/8" thru 4-1/2"
		10-3/4"	7-5/8"	2-3/8" thru 4-1/2"
13-5/8"	5,000/10,000	13-3/8"	8-5/8"	2-3/8" thru 5-1/2"
			9-5/8"	2-3/8" thru 7"
			10-3/4"	2-7/8" thru 7-5/8"

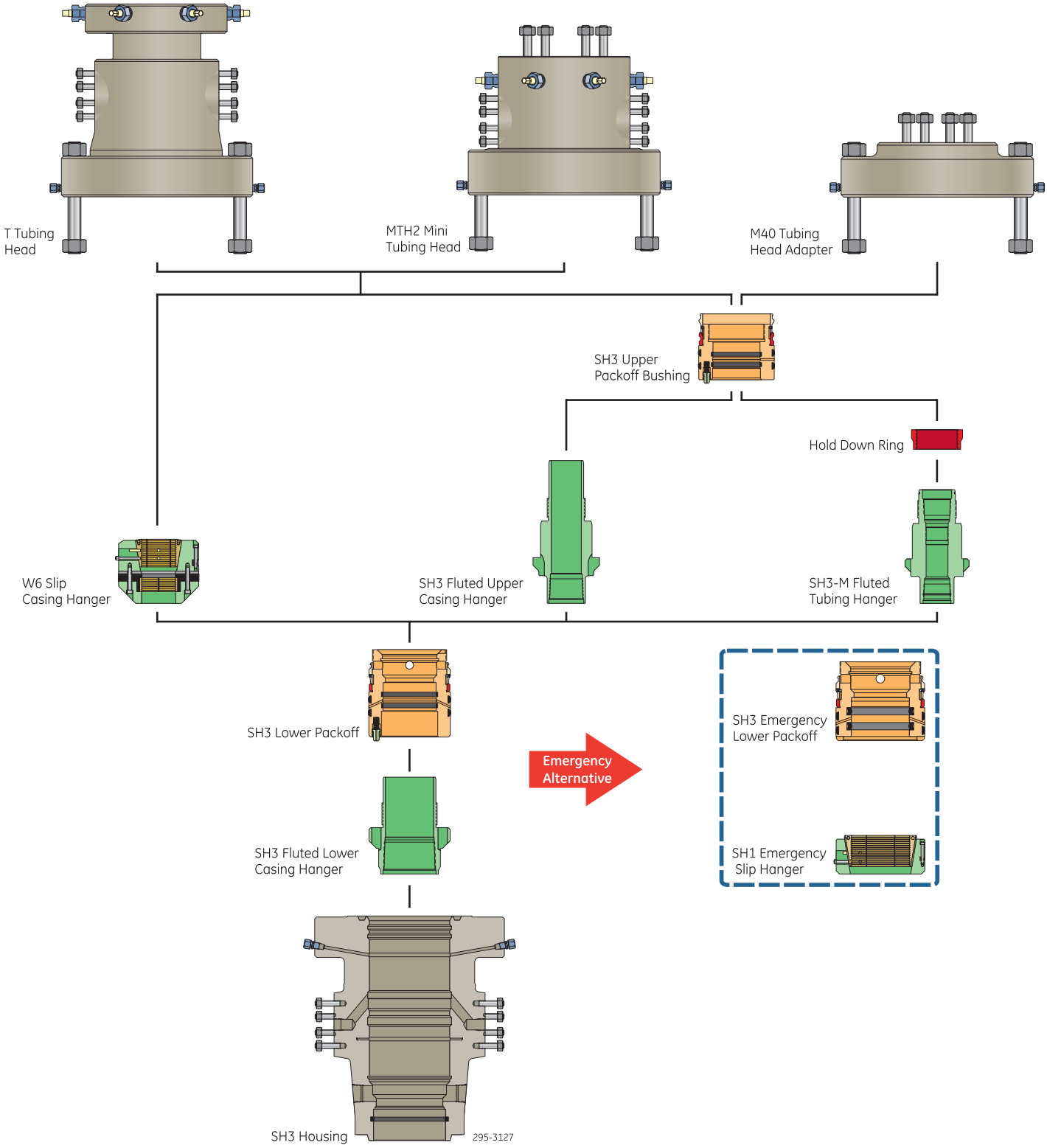
Typical Time Savings with SH3 System —

Operation	Conventional	SH3 System
Cut Pipe and Weld on Starting Head	As Required	As Required
Wait-on-Cement Intermediate Casing	As Required	As Required
Release Hanger Running Tool and Wash Out	N/A	1 Hour
Install and Test Annular Seal	N/A	1 Hour
Break Connection and Lift BOP Stack	4 Hours	N/A
Install Slip Hanger and Rough Cut Casing	3 Hours	N/A
Final Cut Casing and Install Intermediate Spool	4 Hours	N/A
Nipple-Up BOP Stack	8 Hours	N/A
Test BOP Stack	As Required	As Required
Tubing Completion	As Required	As Required
Totals	**19 Hours**	**2 Hours**

Time Saved (17 Hours) x Hourly Rig Rate = Money Saved

SH3 Speedhead™ System

Equipment Options —



GE imagination at work

geoilandgas.com/pressurecontrol

GE © 2013. All rights reserved.
10/13, PC #04-0395 rev 2